

Fig. 1

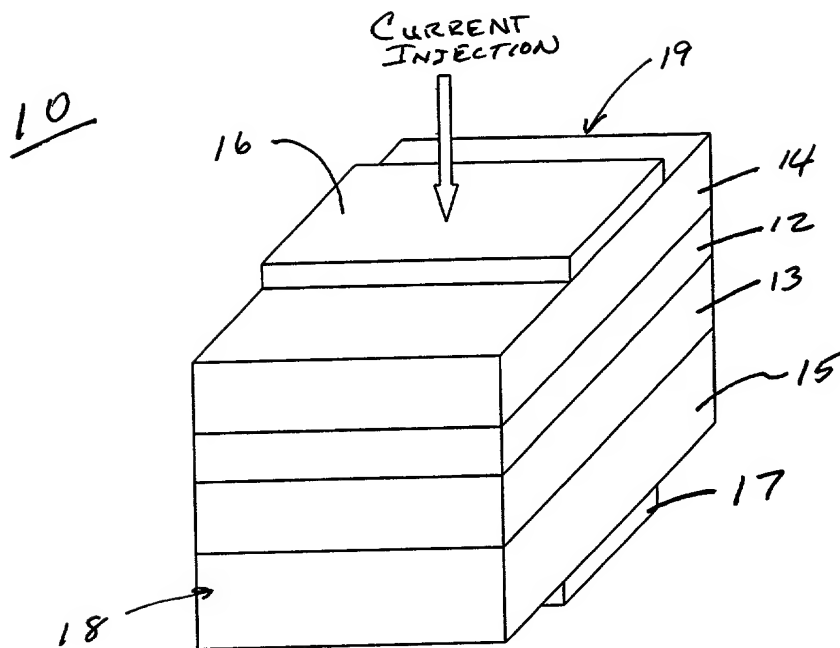


Fig. 2A

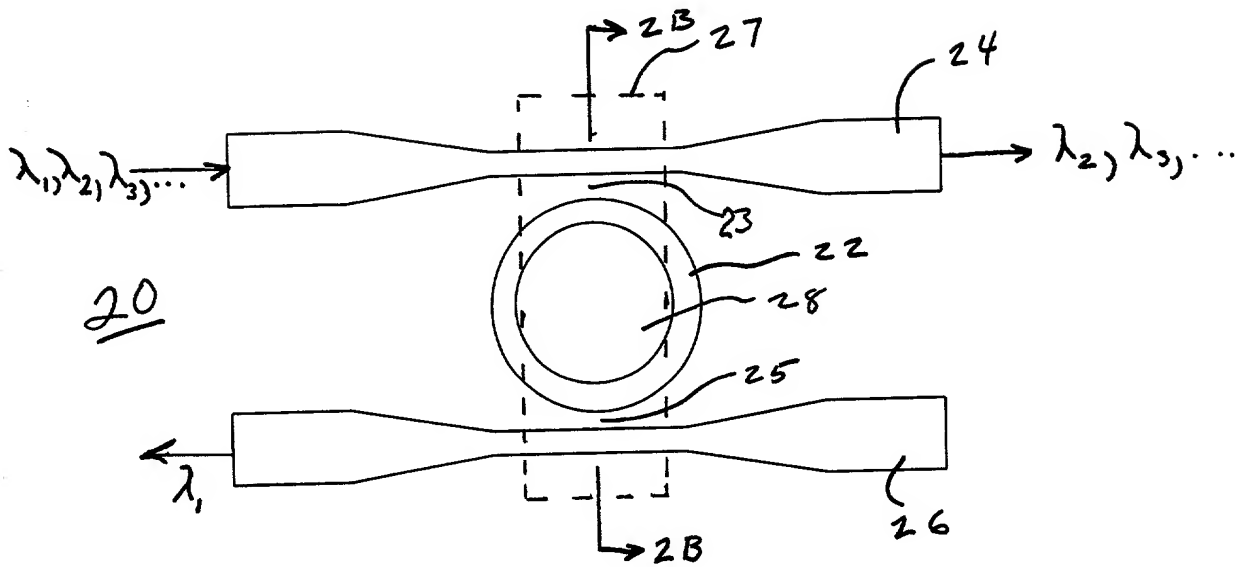


Fig. 2B

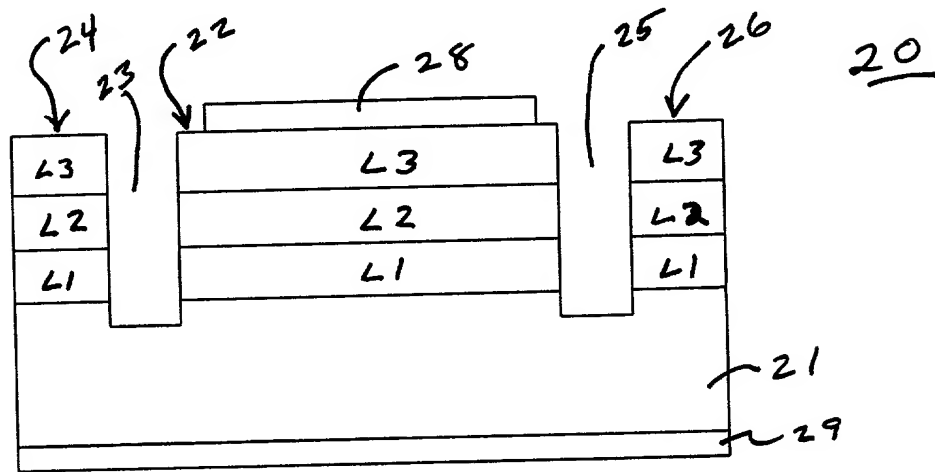


Fig. 3A

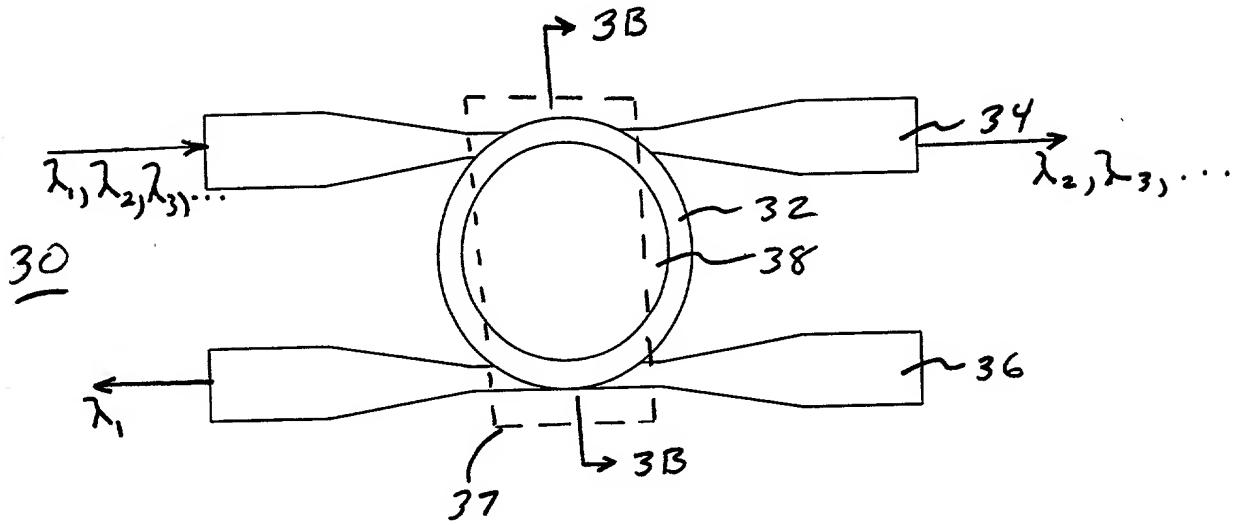


Fig. 3B

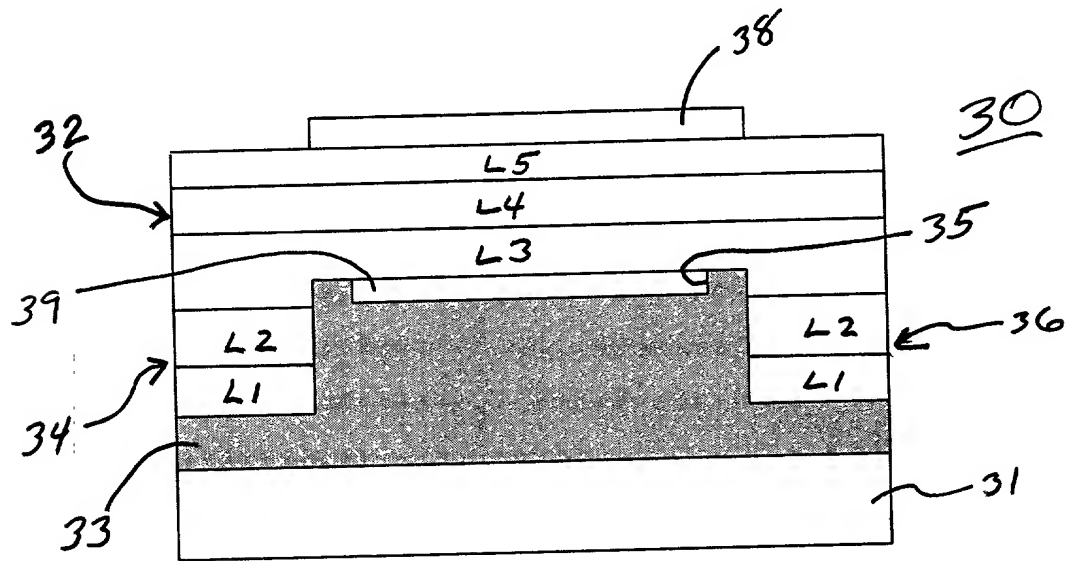


FIG. 3C

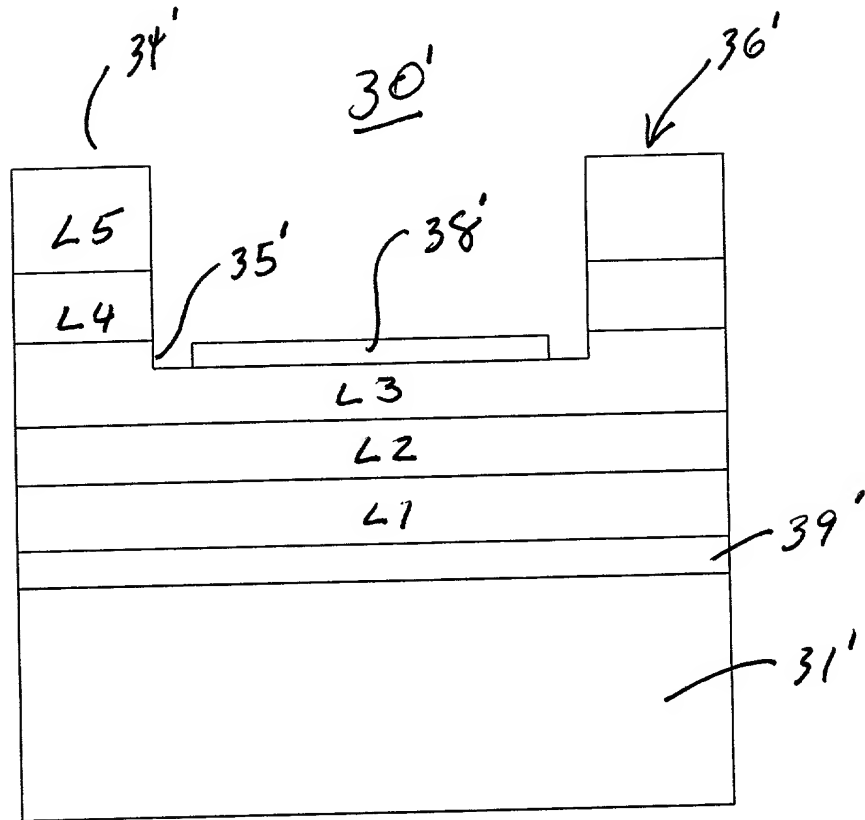


Fig. 4A

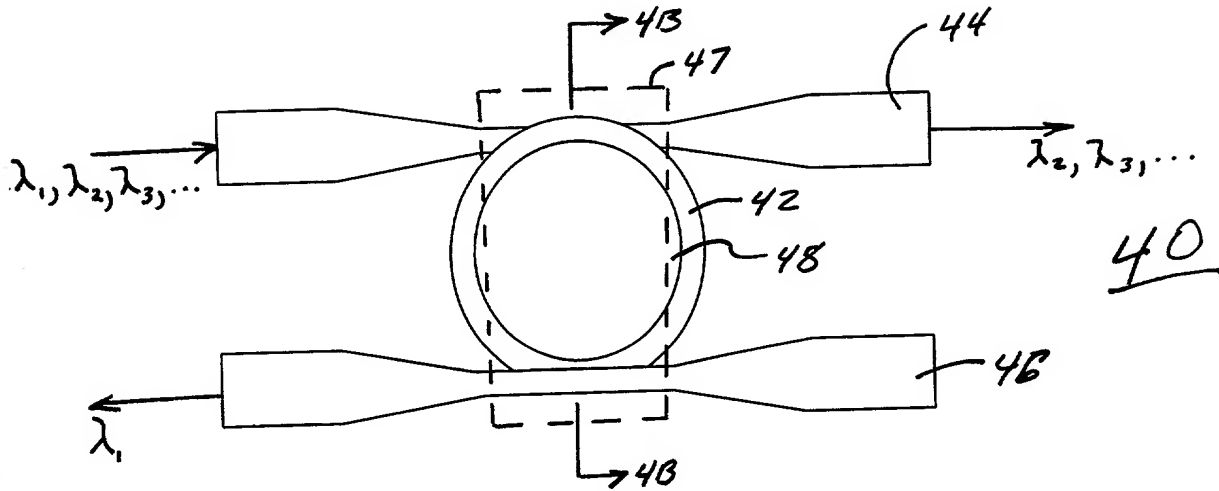
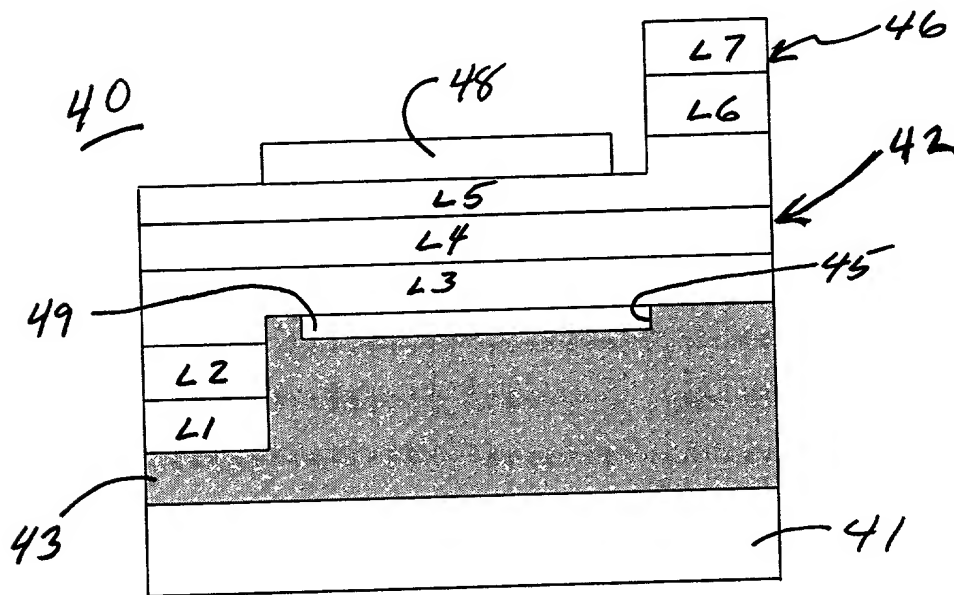


Fig. 4B



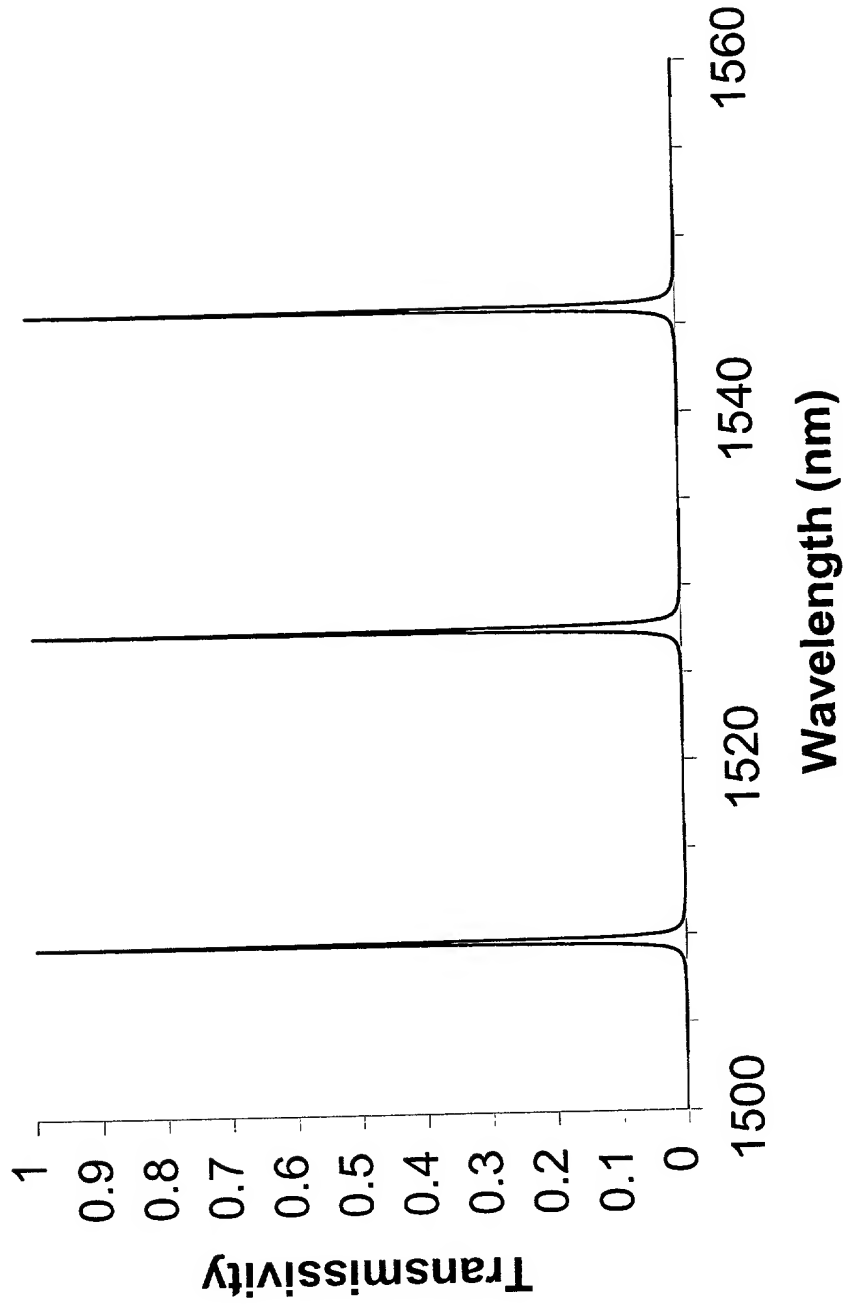


Fig. 5

2025-04-01

Fig. 6A

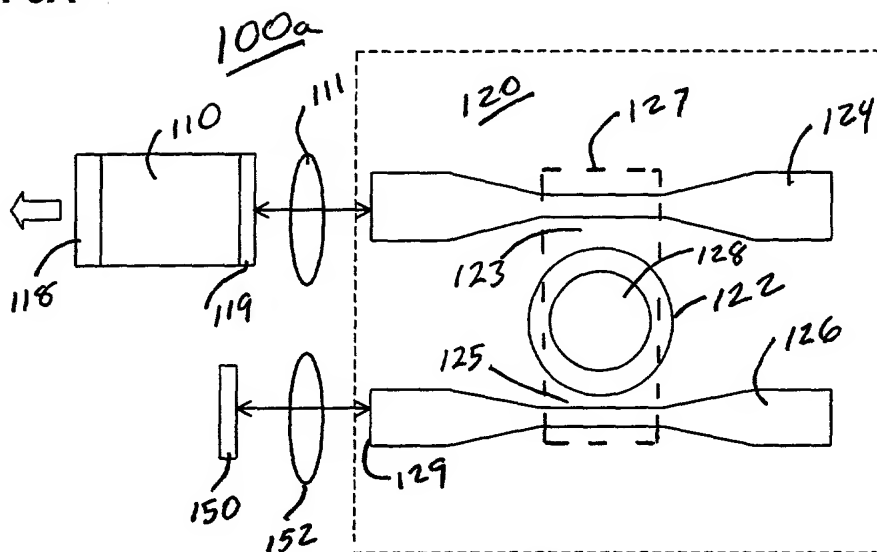
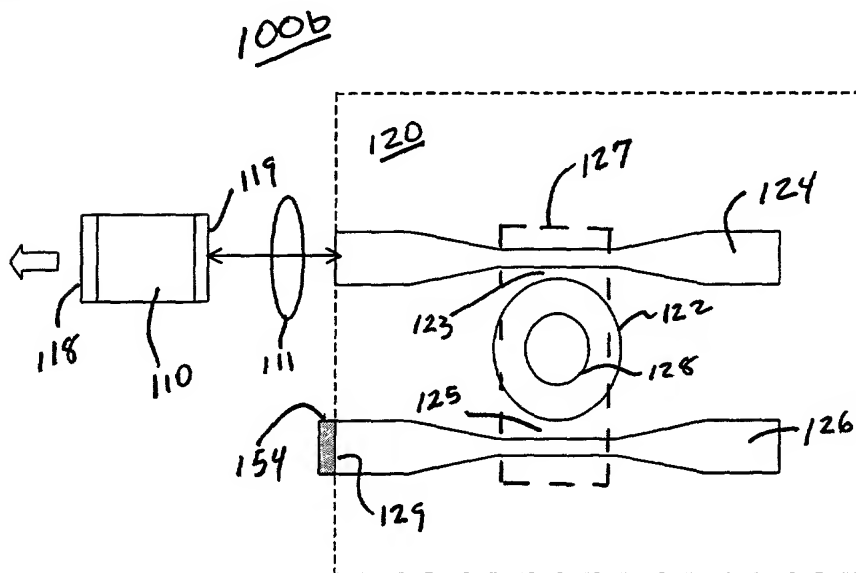


Fig. 6B



20251120-2234001

Imbalance coupling effect on single resonator output

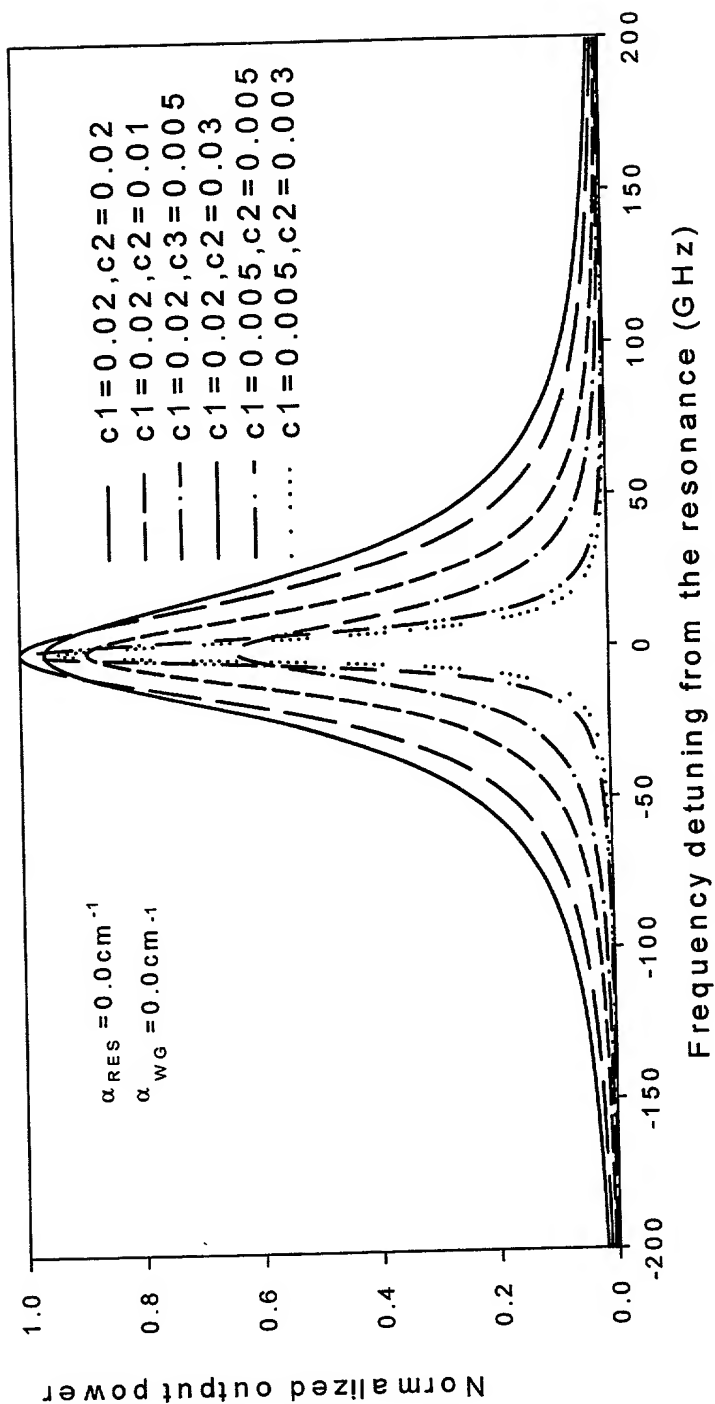


Fig. 7

Multiple resonators

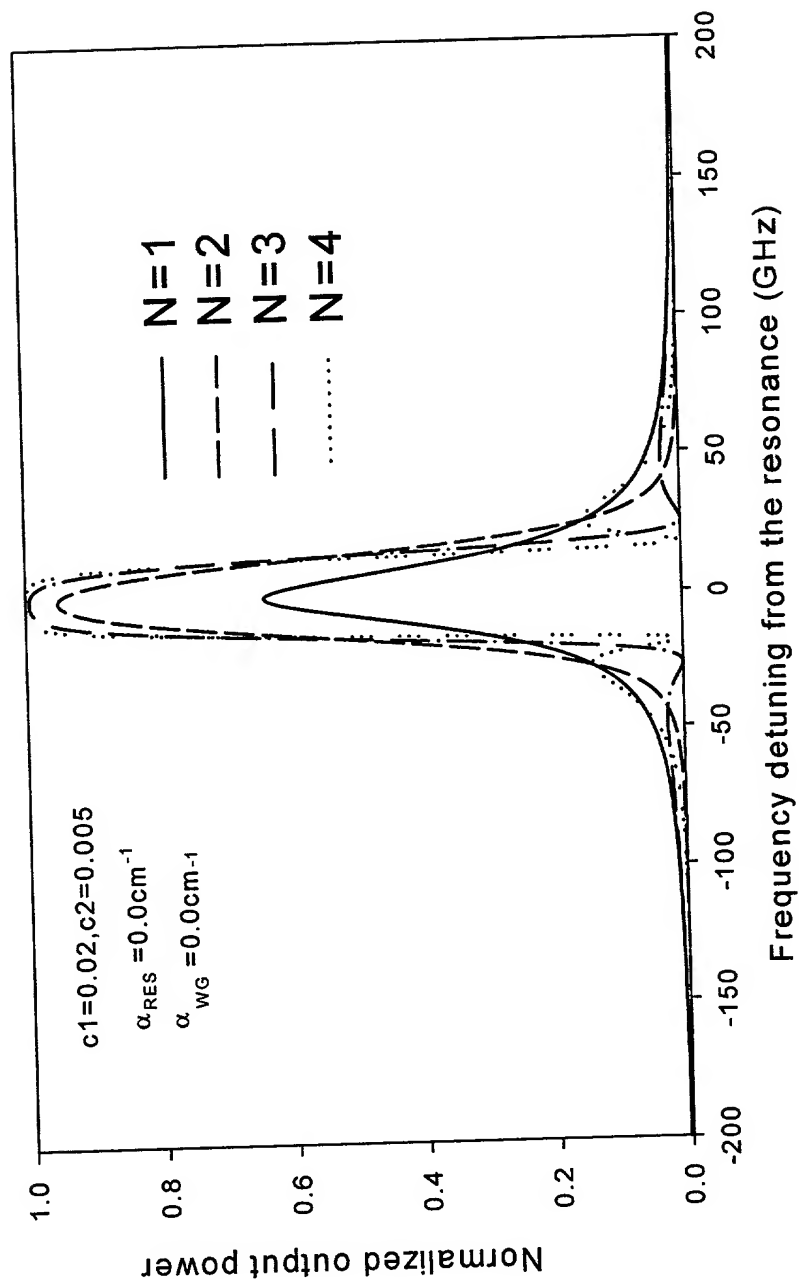
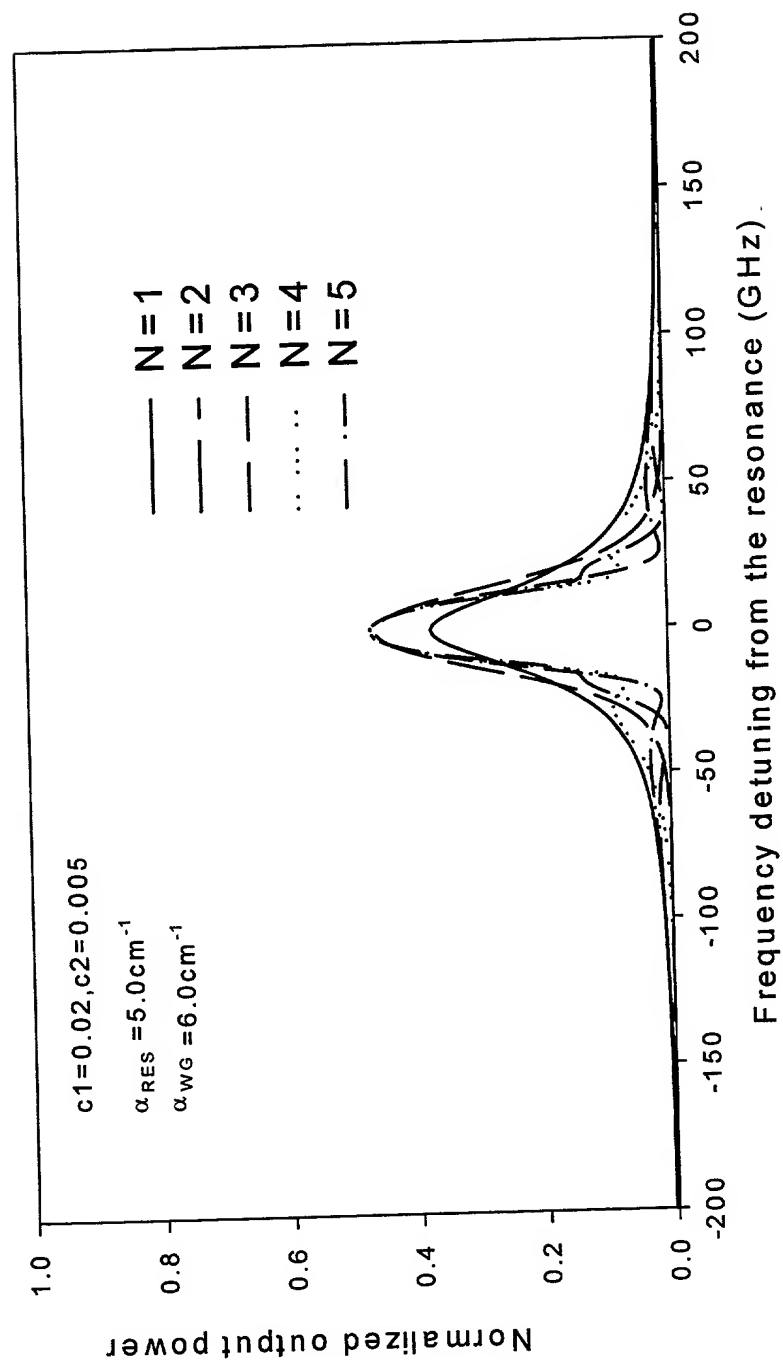


Fig. 8

Fig. 9

Multiple resonators



Multiple resonators

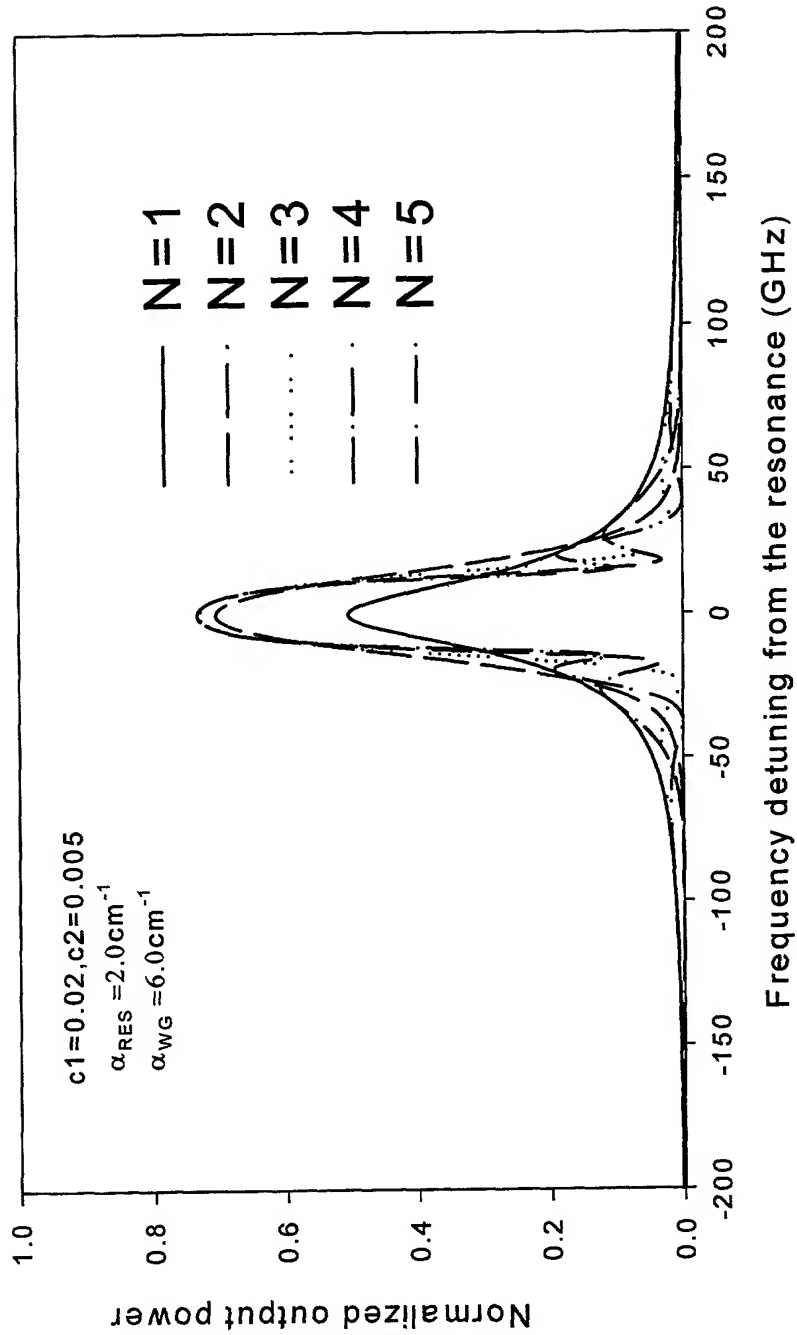


Fig. 10

205129-2334200

Fig. 11

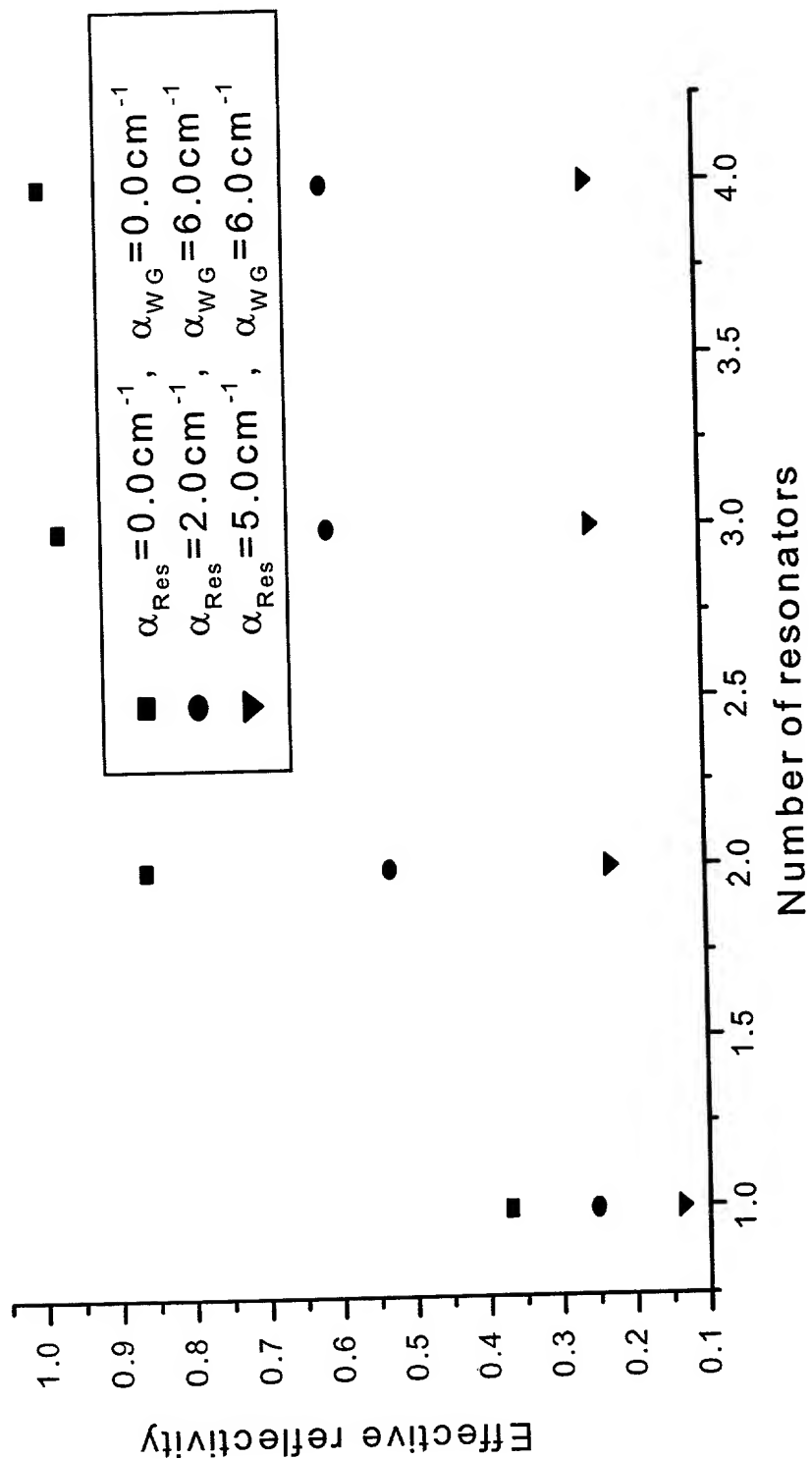


Fig. 12A

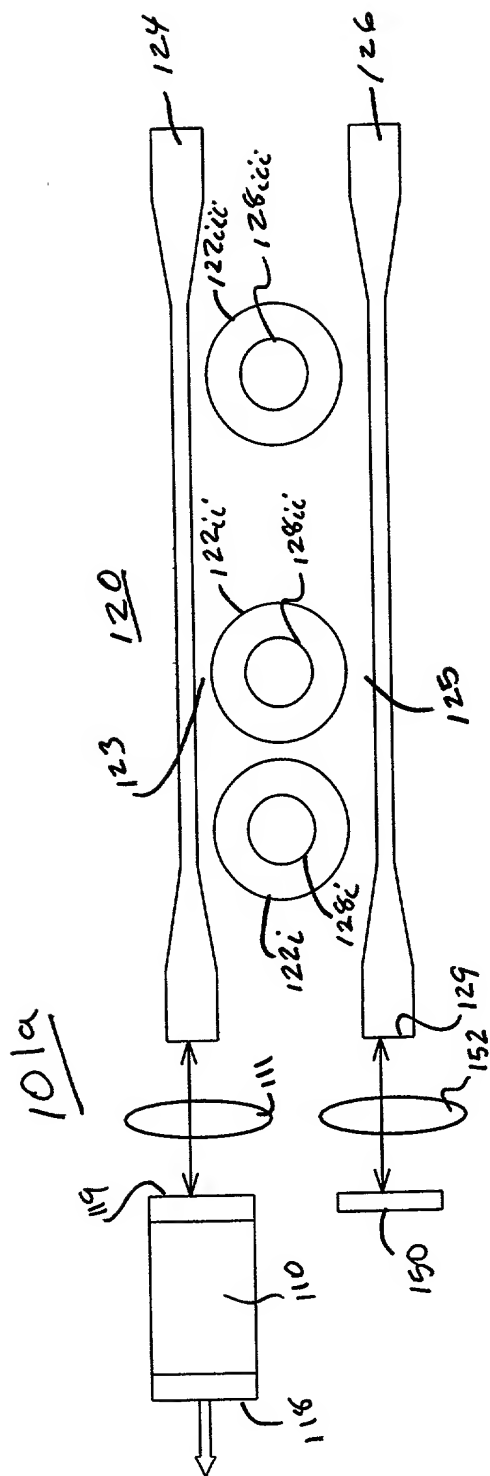


Fig. 12B

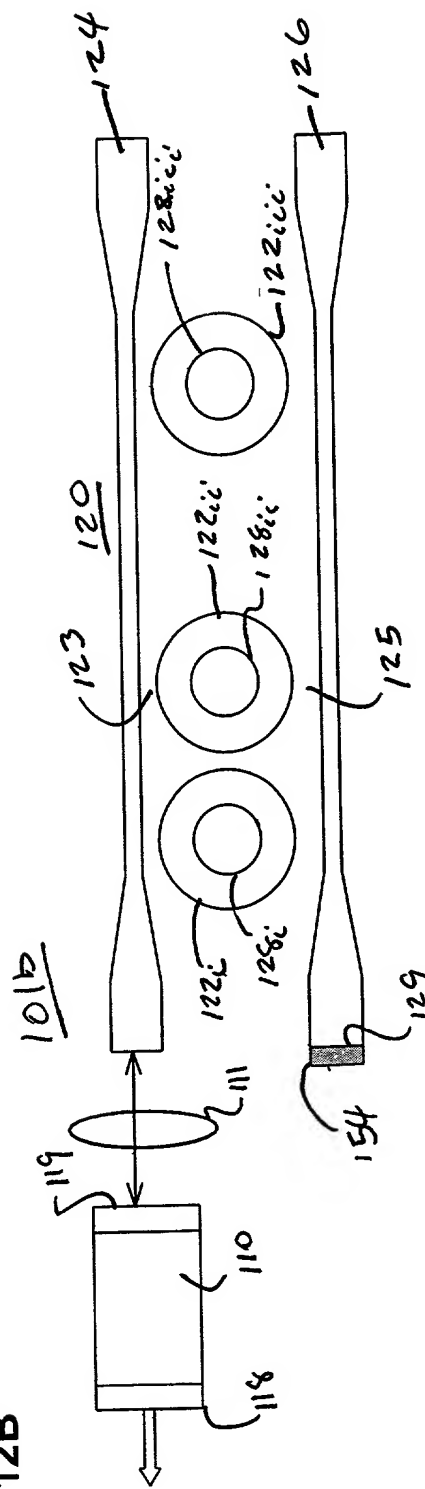
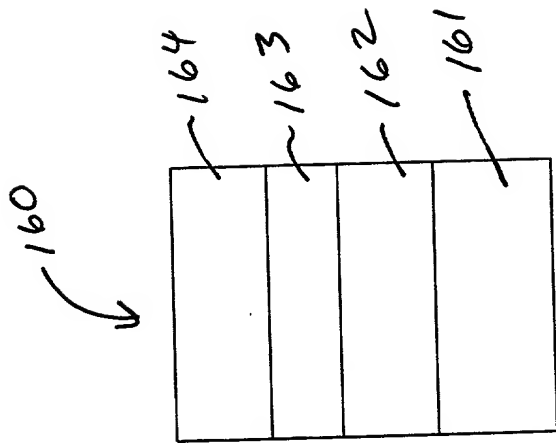


Fig. 13A



EV051624230US

Fig. 13B

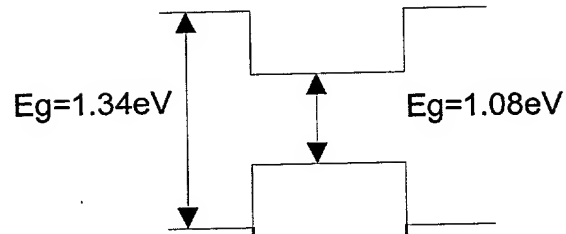
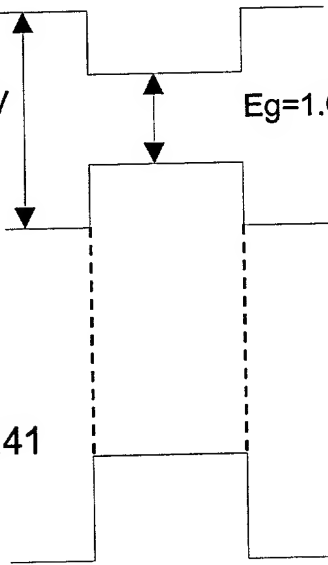


Fig. 13C

$n_{\text{InGaAsP}} = 3.41$

$n_{\text{InP}} = 3.17$



Refractive index change at $\lambda=1.55\mu\text{m}$

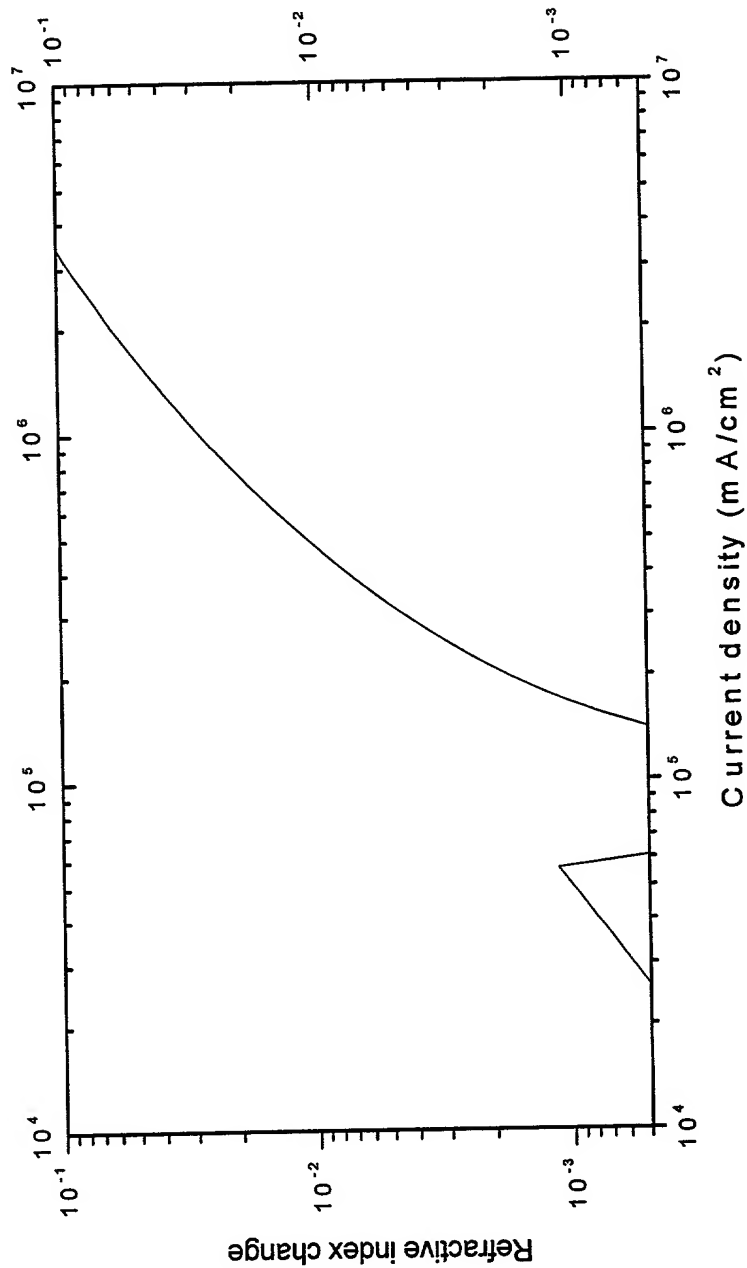


Fig. 14

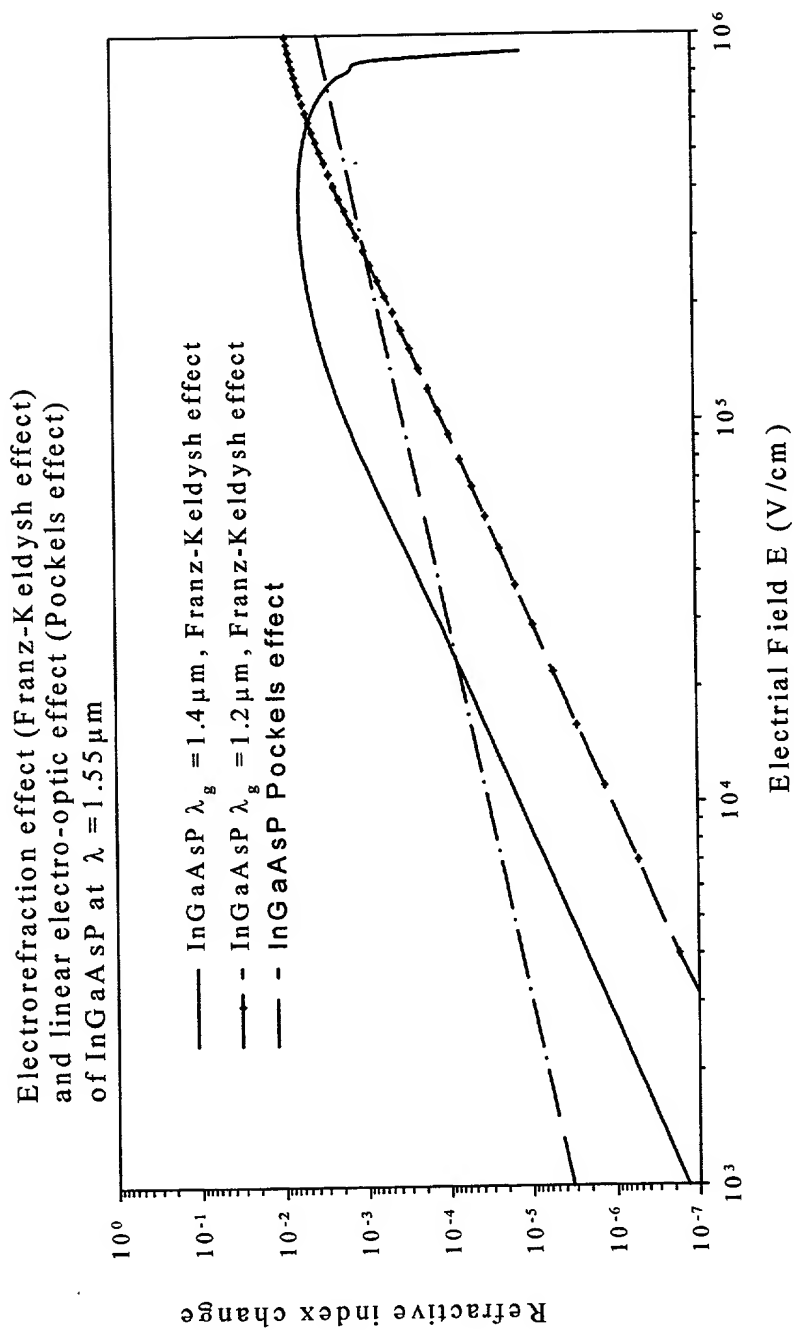


Fig. 15

Fig. 16A

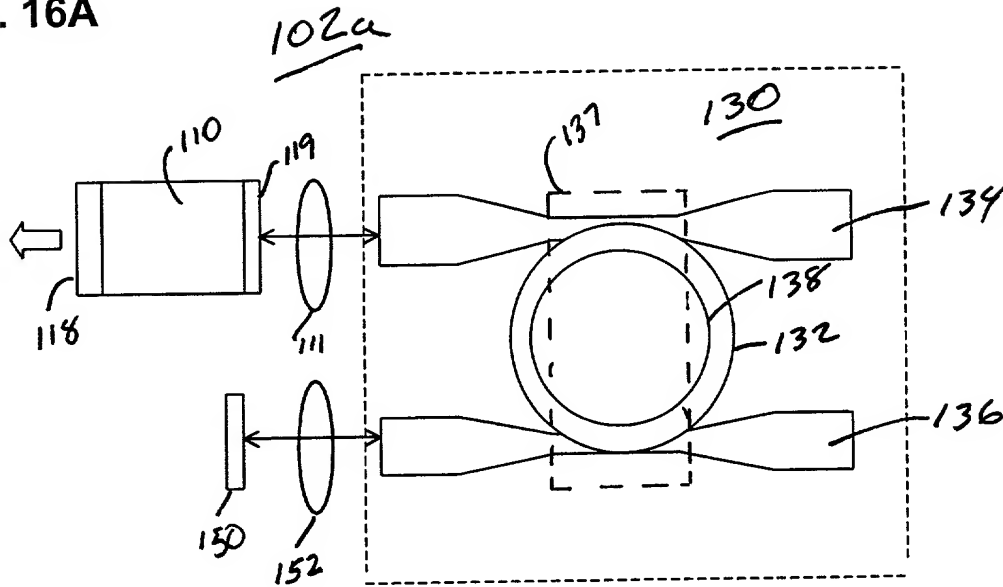


Fig. 16B

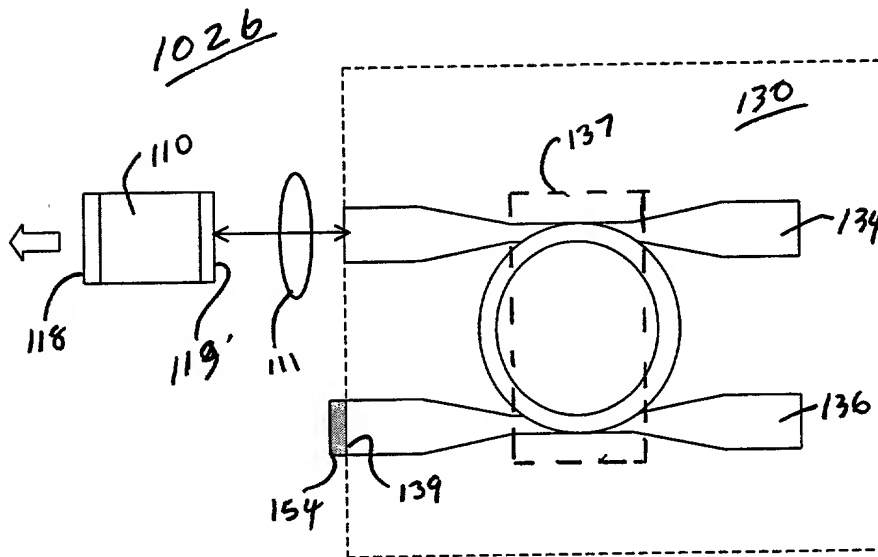


Fig. 17A

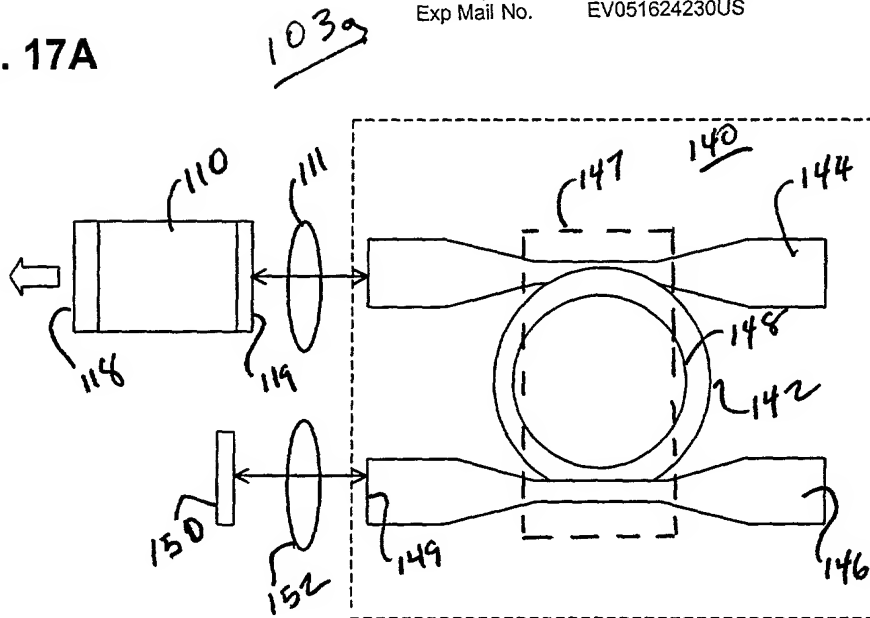


Fig. 17B

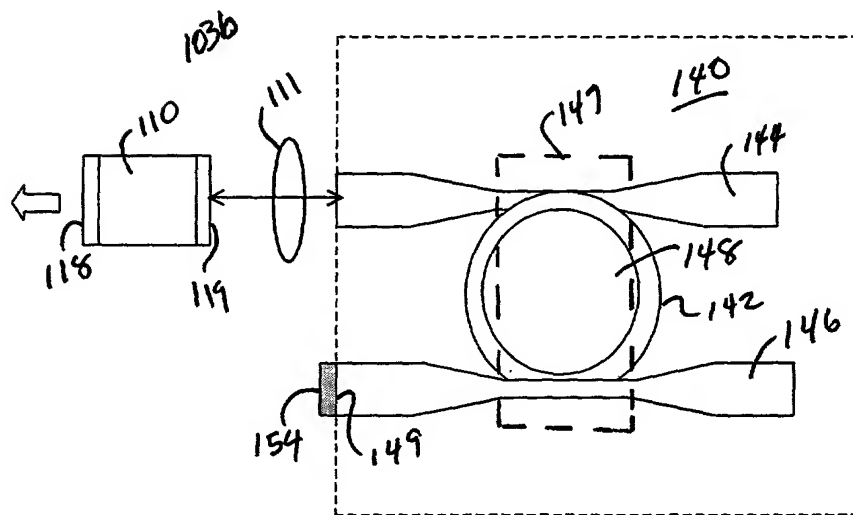


FIG. 18A

Fig. 18A

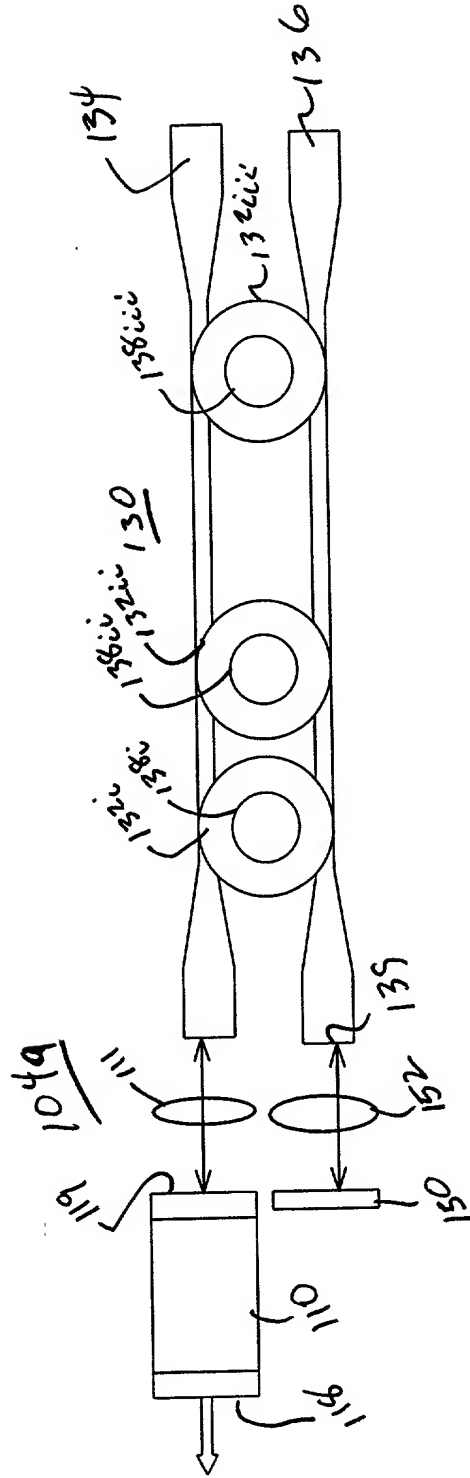


Fig. 18B

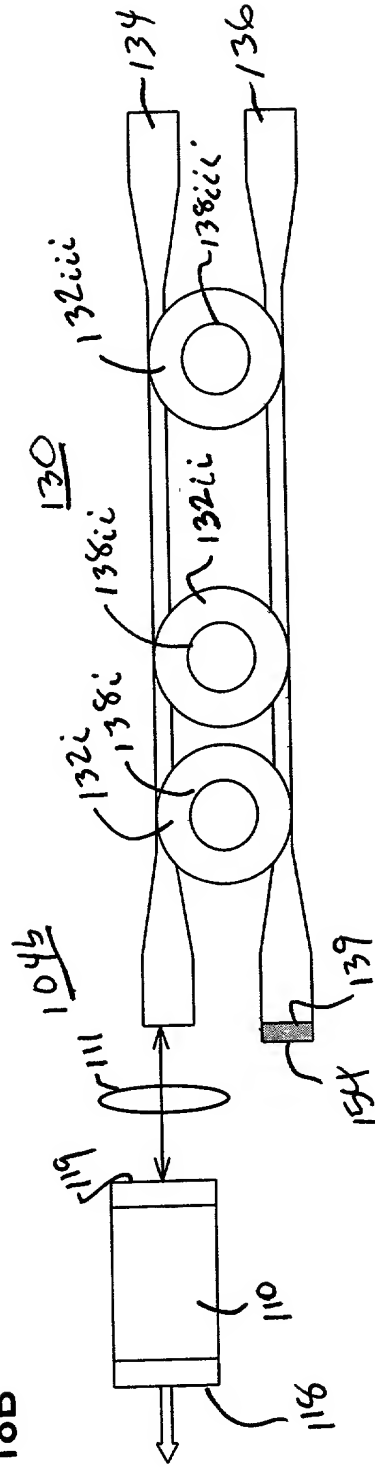


Fig. 19A

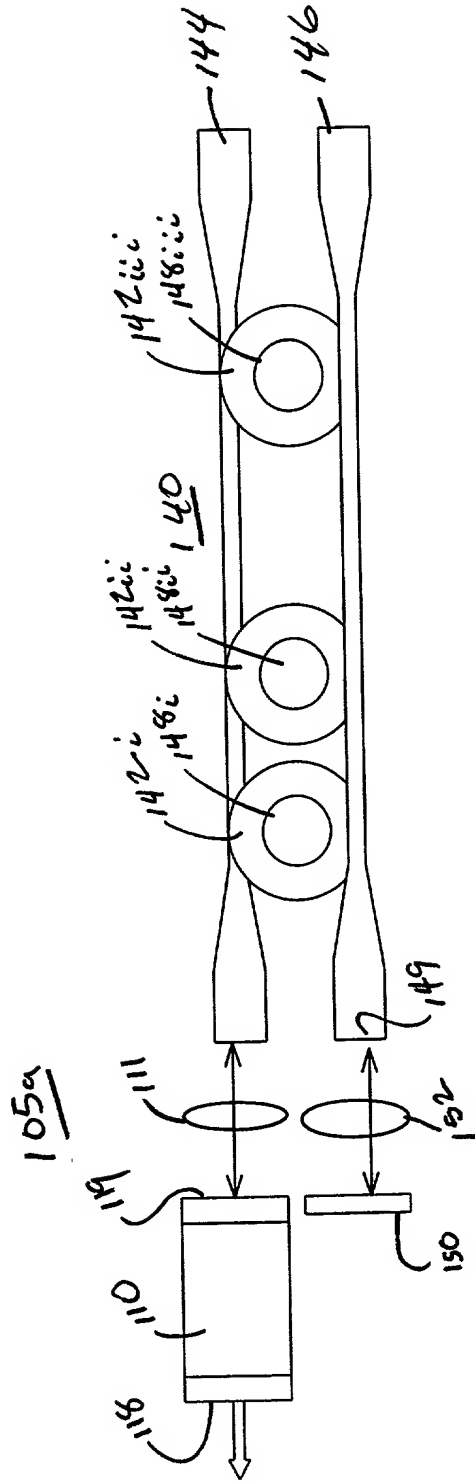
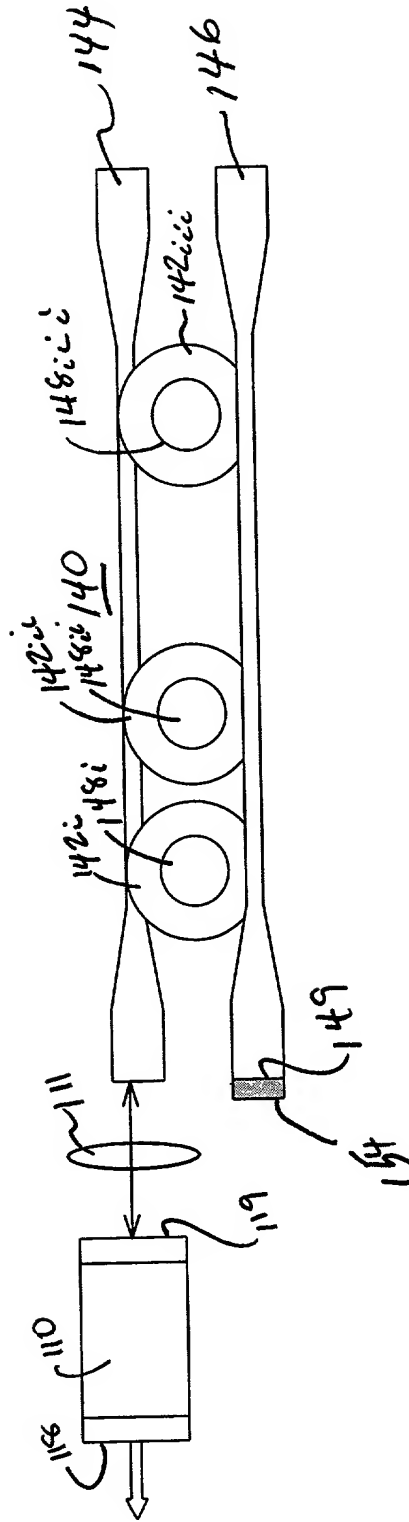


Fig. 19B



100 200 300 400 500 600 700 800 900 1000

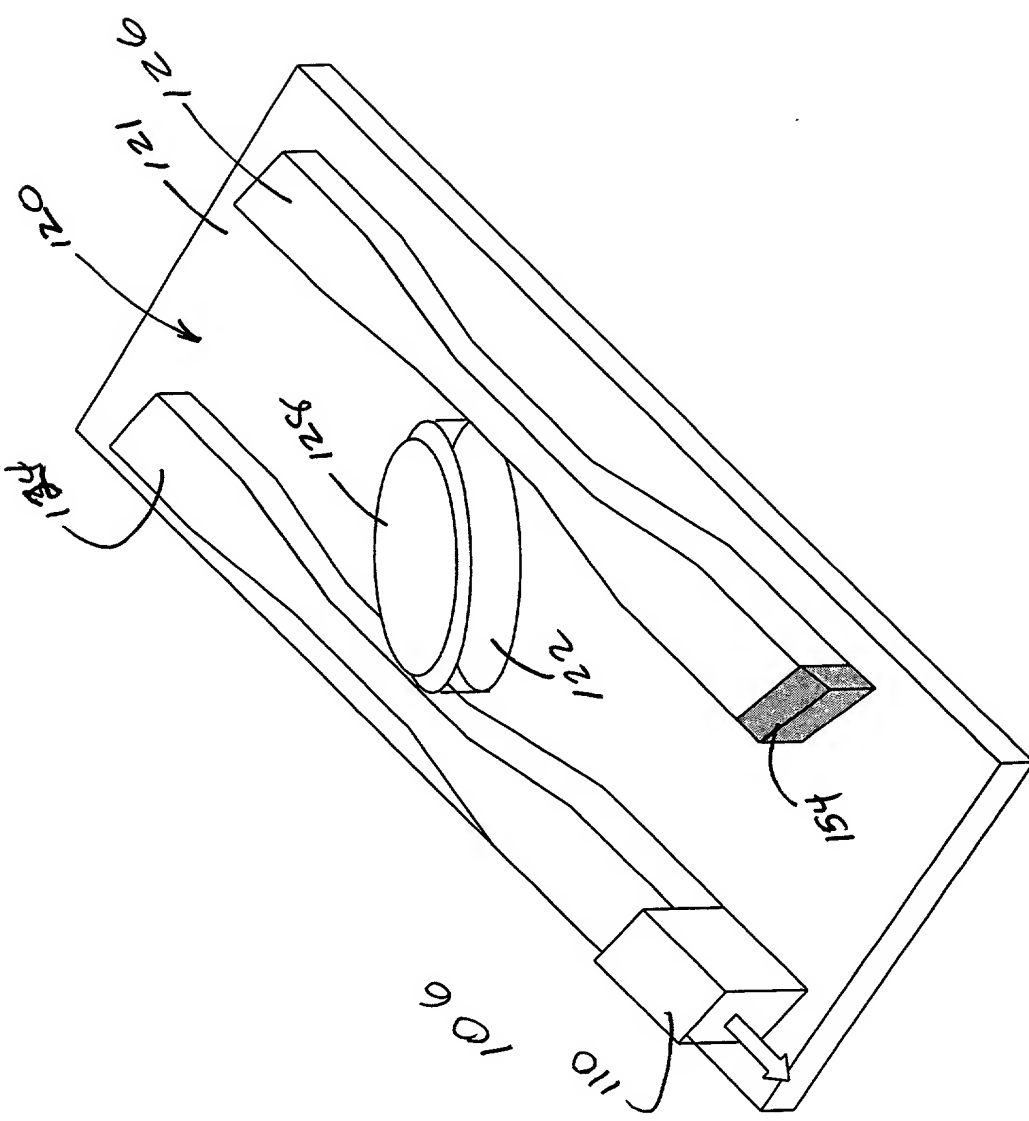


Fig. 20A

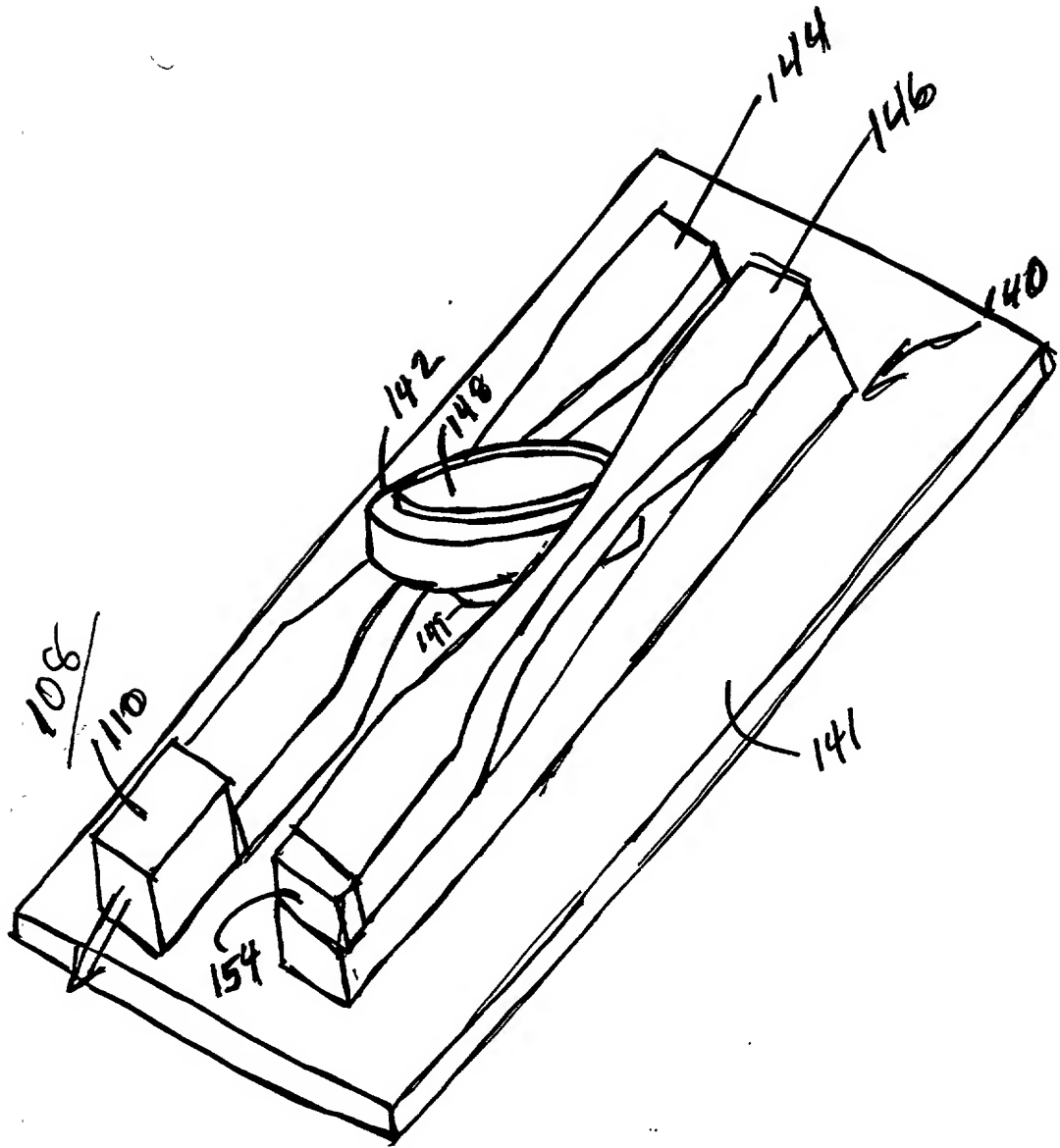


FIG. 20C

Fig. 21 A

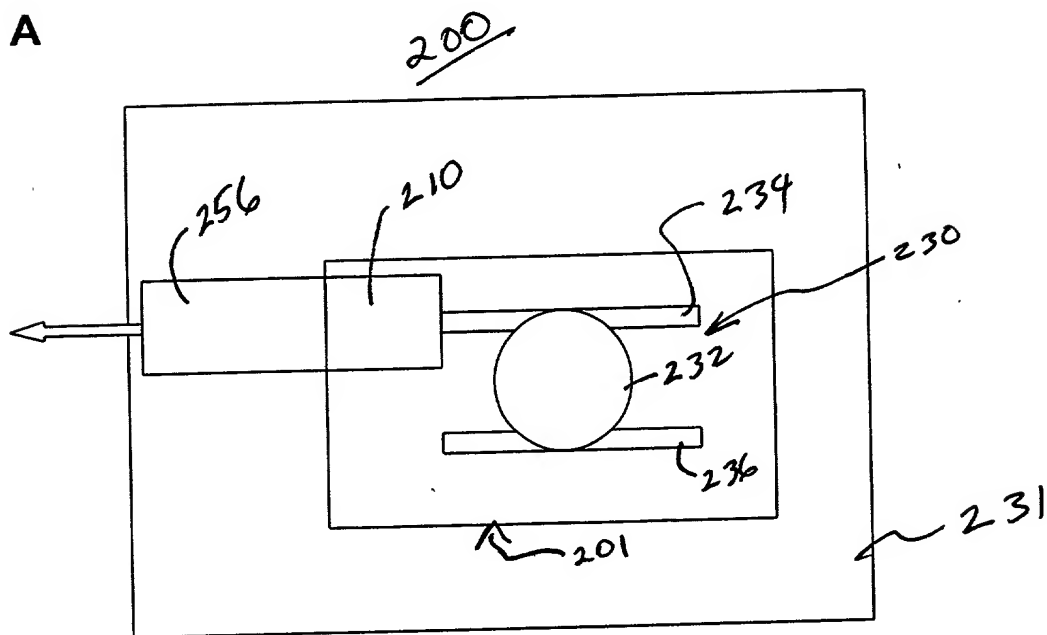


Fig. 21 B

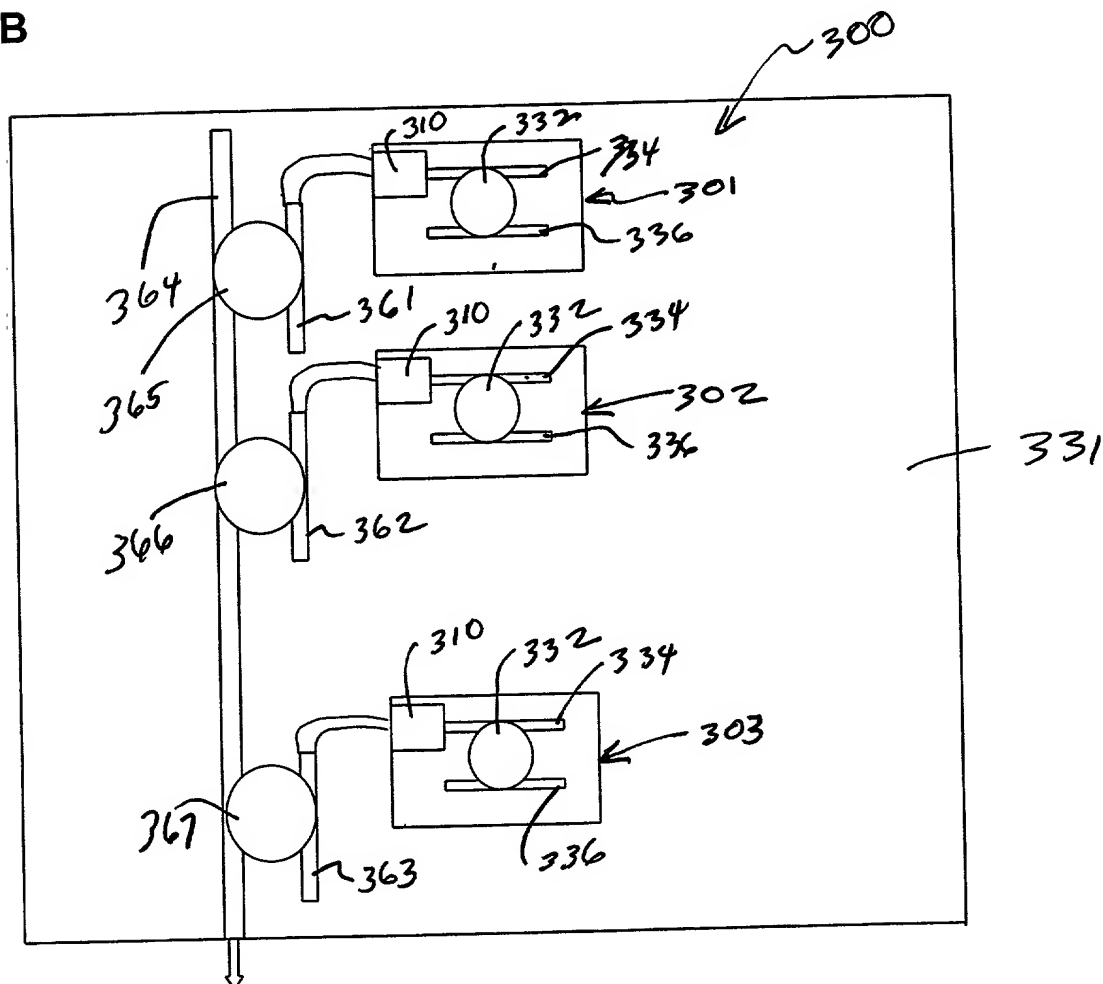


Fig. 22 A

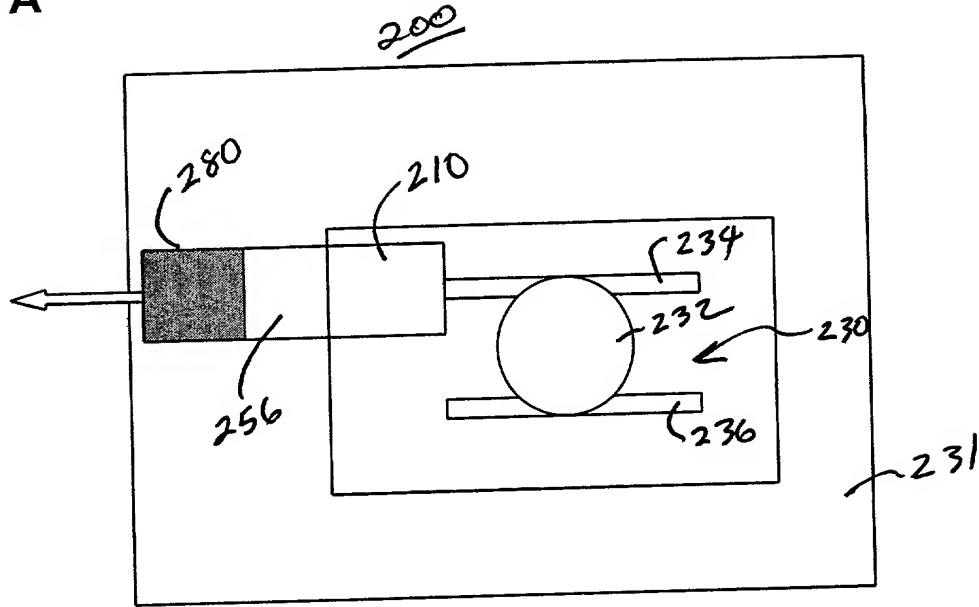


Fig. 22 B

